Performance Data Sheet

VSC9566ZXH

General Information

Model	VSC9566ZXH	**Refrigerant**	R-404A
Test Condition	ARI	**Performance Test Voltage**	575V 3~ 60HZ
Return Gas	18.3°C (65°F) RETURN GAS	**Motor Type**	3PH

Performance Information

Evap Temp (°F)		Condensing Temperature (°F)						
		80	**90**	**100**	**110**	**120**	**130**	**140**
20	Btu/h	92100	85800	79300	72500	65500	58200	50700
	Watts	6090	6720	7430	8230	9140	10200	11300
	Amps	7.64	8.44	9.33	10.3	11.5	12.8	14.2
	Lb/h	1450	1440	1420	1400	1380	1360	1330
25	Btu/h		94800	87500	80000	72300	64300	56000
	Watts	6180	6810	7520	8310	9210	10200	11400
	Amps	7.76	8.55	9.44	10.4	11.6	12.8	14.3
	Lb/h	1620	1600	1580	1560	1540	1510	1480
30	Btu/h			96400	88100	79600	70800	61600
	Watts	6270	6900	7600	8390	9280	10300	11400
	Amps	7.88	8.66	9.54	10.5	11.6	12.9	14.3
	Lb/h	1800	1780	1760	1730	1710	1680	1650
35	Btu/h				96800	87400	77700	67700
	Watts	6360	6990	7680	8470	9350	10300	11500
	Amps	7.98	8.77	9.64	10.6	11.7	13.0	14.4
	Lb/h	1990	1970	1950	1920	1890	1870	1840
40	Btu/h					95800	85100	74200
	Watts	6440	7060	7760	8530	9410	10400	11500
	Amps	8.08	8.86	9.74	10.7	11.8	13.0	14.4
	Lb/h	2210	2180	2160	2130	2100	2070	2040
45	Btu/h						93000	81100
	Watts	6500	7130	7820	8590	9460	10400	11500
	Amps	8.16	8.95	9.82	10.8	11.9	13.1	14.5
	Lb/h	2450	2420	2390	2360	2330	2290	2260
50	Btu/h							88500
	Watts	6560	7180	7870	8640	9500	10500	11600
	Amps	8.23	9.01	9.88	10.8	11.9	13.1	14.5
	Lb/h	2710	2670	2640	2610	2570	2540	2500

COEFFICIENTS	CAPACITY	POWER	CURRENT	MASS FLOW
C1	8.728263E+04	1.910697E+03	2.398133E+00	8.906750E+02
C2	1.981335E+03	9.049850E+00	1.135855E-02	2.608700E+01

C3	-2.971826E+02	4.942706E+01	6.203635E-02	1.523656E+00
C4	2.182013E+01	7.620554E-02	9.564628E-05	2.258916E-01
C5	-7.221728E+00	2.529335E-01	3.174592E-04	-8.733896E-02
C6	-3.658507E-01	-2.092312E-01	-2.626080E-04	-9.277579E-03
C7	2.973253E-02	-3.258719E-03	-4.090049E-06	1.990314E-03
C8	-1.184015E-01	1.282098E-03	1.609173E-06	-5.878622E-04
C9	-9.834915E-03	-2.121341E-03	-2.662515E-06	3.738018E-04
C10	-2.087028E-03	2.352582E-03	2.952748E-06	-3.202584E-05

Value = C1 + C2 * Te + C4 * Te^2 + C7 * Te^3 + (C3 + C5 * Te + C8 * Te^2) * Tc + (C6 + C9 * Te) * Tc^2 + C10 * Tc^3

Te = Evaporator Temperature

Tc = Condensing Temperature